CLAIMS

1. A method of diagnosing transformation of a cell, comprising determining whether p21 is:
   a) complexed with a cyclin kinase, a cyclin, or both, or
   b) not complexed with a cyclin kinase, a cyclin, or both,
   wherein if p21 is not complexed with a cyclin kinase, a cyclin, or both, it is indicative of transformation of the cell.

2. A method of Claim 1, wherein an antibody is used to determine whether or not p21 is complexed with a cyclin kinase, a cyclin, or both.

3. A method of Claim 1, wherein the cyclin is a D-type cyclin or an A-type cyclin and the cyclin kinase is CDK4.

4. A method of diagnosing transformation of a cell, comprising determining whether p16 is
   a) complexed with a cyclin kinase, or
   b) not complexed with a cyclin kinase,
   wherein if p16 is complexed with a cyclin kinase, it is indicative of transformation of the cell.

5. A method of Claim 4, wherein an antibody is used to determine whether or not p16 is complexed with a cyclin kinase.

6. A method of Claim 4, wherein the cyclin kinase is CDK4.

7. A method of diagnosing transformation of a cell, comprising determining whether p19 is

a) complexed with a cyclin, or

b) not complexed with a cyclin, wherein is p19 is complexed with a cyclin, it is indicative of transformation of the cell.

8. A method of Claim 7, wherein an antibody is used to determine whether or not p19 is complexed with a cyclin.

9. A method of Claim 7, wherein the cyclin is cyclin A.